

我国台湾产灵芝属一新种——樟芝

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GANODERMA COMPHORATUM, A NEW TAXON IN GENUS GANODERMA FROM TAIWAN, CHINA

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关键词 樟芝; 台湾

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樟芝 新种 图 1

Ganoderma comphoratum Zang et Su, sp. nov. (Fig. 1)

Sporophorum annuum, sessiles, suberoso-lignosum. Pileus dimidiatus, 3—5 × 3—4 cm diam. 2—2.5 cm crassus. Superficie brunneus, nigro-brunneus, concentricis cristis et ca 0.5 cm altis et 0.7—1 cm latis, tuberculatus, longitudinaliter rugosus indistincte, aequalis, laccatus, margine plano, obtuso, brunneo-rubro vel purpureo-rubro. Contextus bistratosus, superior lignoso-coloratus, inferior chburneus, 1—1.5 cm crassus. Tubuli 0.3—0.5 (0.9) cm longi. Pagina pororum cremea. Pori suborbiculari, 4—6 per mm. Sectio crustae irregulariter paliformis, cellula apicalis aut supeme rotundata aut elongata conoidea. System hypharum trimiticum hyphae generatoriae fulvo-hyalinae, parietibus tenuibus, 2.6—5.5 μ m diam, hyphae skeletales pallide brunneae, parietibus crassis, 5.2—10.4 μ m diam., hyphae ligativae, brunneae, ramosae, parietibus crassis, 1.5—2.5 μ m diam. Basidiosporae ovatae, ellipsoideae, bitunicatae, exosporis hyalinis, endosporis aurantio-brunneolis, distincte vel continue echinulatis, 11—19 × 7.8—14.4 μ m.

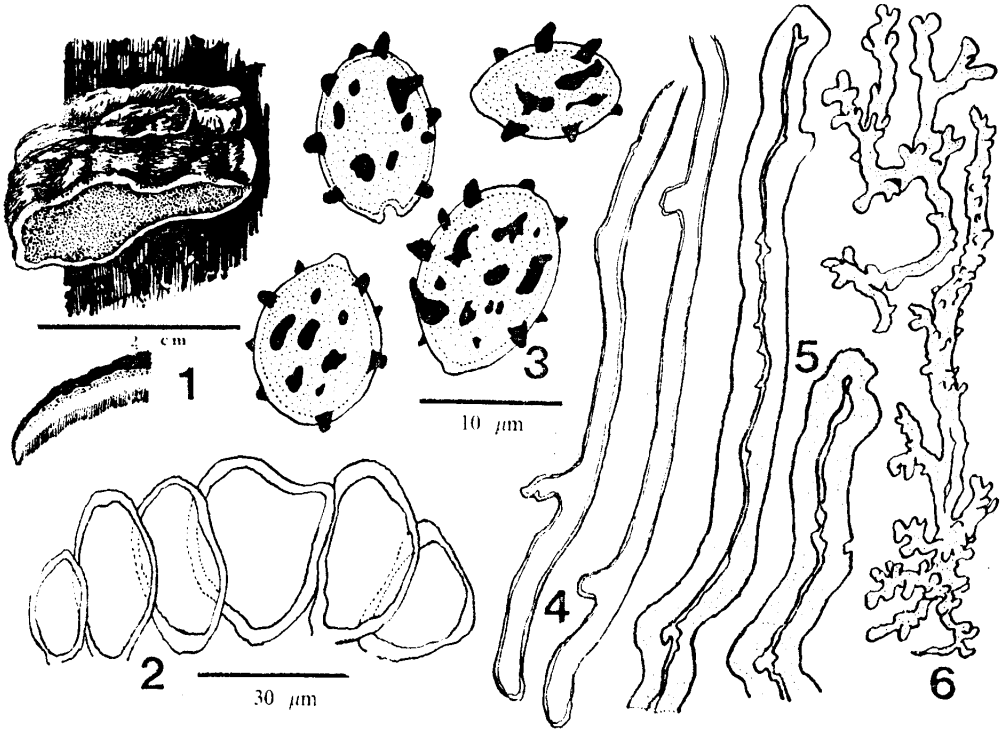


图1 樟芝 *Ganoderma comphoratum* Zar., et Su

1. 担子果 Sporocarps; 2. 盖表皮壳 Structure of crust; 3. 担孢子 Basidiospores;
4. 生殖菌丝 Generative hyphae; 5. 骨架菌丝 Skeletal hyphae; 6. 缠绕菌丝 Binding hyphae.

In cortice *Cinnamomi comphorae*.

Taiwan, Taipei. 25 VII 1978. Qing-hua Su 1. (HKAS 22294, Typus)

子实体一年生，无柄，木栓质至木质。菌盖半圆形，径3—5×3—4厘米，厚2—2.5厘米。表面褐色、黑褐色，具同心环脊，高约0.5厘米，宽0.7—1厘米，有瘤，具不明显的纵皱，有光泽，平坦，边缘平而钝，褐红色，紫红色。菌肉两层，上层木材色，下层象牙白色，厚1—1.5厘米，菌管长0.3—0.5(0.9)厘米，孔口乳白色，管口近圆形，每毫米4—6枚。皮壳构造呈不规则栅栏状组织，顶端细胞几呈圆形或球果形。菌丝系统三体型；生殖菌丝透明而微黄，薄壁，胞径2.6—5.5微米，骨架菌丝淡褐色，厚壁，胞径5.2—10.4微米，缠绕菌丝褐色，分枝，壁厚，胞径1.5—2.5微米。担孢子卵圆形，椭圆形，双层壁，外壁透明，内壁金褐色，具分离或连结的棘刺状突起，孢径14—19×7.8—14.4微米。

本种的外形和大形孢子，近似假木蹄*Ganoderma ochrolaccatum* (Mont.) Pat. 但孢子有明显棘刺状突起，仅寄生于香樟*Cinnamomum comphora* (L.) Presl. 枝干上，菌体新鲜至干老均溢出香樟的香气。据云可入药。